

Cost savings

Automotive plant USA

Assembly plant, paint shop

Castrol LubeCon Series 1M-200

ANNUAL SAVINGS: \$61,956



THE SITUATION

The previous lubricant was mixing with the e-coating. This would cause the e-coating to not dry and would also create a solid sludge build up. This contamination needed to be cleaned from the rollers and carriages once per day.

BEFORE

- Solid sludge build up caused fires in the e-coat oven.
- Build up on rollers resulted in difficulties with the transfer of vehicles.
- The rollers and carriages required cleaning once per day.
- Two men were required to work 1 hour per day to remove this build up.

AFTER

- Sludge has been eliminated.
- No build up on the rollers.
- No clean up has been required since lubricant conversion.
- No fires have been reported.

THE SOLUTION

- “Root Cause Analysis” pointed toward an incompatibility with the previous lubricant and the e-coating.
- Castrol LubeCon worked with our lab thru sampling to determine the source of the build up.
- The recommendation was made to use a dry film lubricant to eliminate the solid sludge build up.

Right product for right application

Experience and knowledge brought together with right products

Castrol LubeCon utilized in house technical support and laboratory services.

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IT'S MORE THAN JUST OIL. IT'S LIQUID ENGINEERING.



Cost savings

Cleaning costs eliminated

- Two men @ \$15.00 per hour (1 hour) = \$30.00
- Cleaning 5 days per week = \$180.00
- Deep cleaning one day per week = \$180.00
- Total cost for one week = \$360.00
- Estimated yearly cost savings based on 48 weeks worked = \$17,280.00

Lubricant cost savings

Before Castrol

- Five month total spend with previous product = \$64,728.00
- Monthly spend with previous products = \$12,945

After Castrol

- Five month spend with LubeCon Series 1M-200 = \$46,111
- Monthly spend with LubeCon Series 1M-200 = \$9,222



Cleaning cost savings for one year: \$17,280.00

Lubricant cost savings for one month period: \$3,723

Estimated total cost savings for one year: \$61,956

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